

FLEET ASSESSMENT SUPPORT TOOL REQUIREMENTS

Req't No.	Ref #	Requirement	Spec	Phase	Module
1	6, 13, 14, 31, 32, 59	Analyze existing CSMP Data as defined by user	Receive and display existing CSMP data from 3M database. Complete, modify or cancel existing 2 Kilos. Copy data from existing 2 Kilos. Update multiple fields before saving.	1	2K
2	7,19, 20, 70	Review/validate ICMP.	Receive and display existing ICMP data from the MRMS CSMP shore file. Generate ICMP 2 Kilos.	1	2K
3	28, 37, 97	Write a 2 Kilo using drop down menus	Write a 2k on-screen, using drop down menus with default values based on system and visit type.	1	2K
4	29	Multiple levels of QA are available?	When writing a 2k, the application will ensure that all 2Ks are tied to configuration and viewable for on-screen QA and QA routines.	1	2K
5	36	Automatically sequence Alpha-Numeric JSNs based on visit type.	When writing a 2k, the application will have the ability to automatically sequence Alpha-Numeric JSNs based on visit type. This is required to be able to produce the flexibility in reporting.	1	2K
6	38	Automatically add Type of inspection, Inspector's Name, Command and Telephone Number in Block 35.	When writing a 2k, the application will have the ability to incorporate the assessor information into the 2K	1	2K
7	49,50	Identification of required parts	The required parts identified by the assessment team using equipment APL	1	2K
8	62	Observation Block	The application will provide an observation block, which is required to be able to add necessary data during the event	1	2K
9	64, 65, 66, 67, 68	Standard Statements	The user will have the opportunity to select from a list of standard statements describing the nature of the discrepancy and the recommended action.	1	2K
10	25, 69	Configuration data is available on-screen for easy fill.	The application will have the ability to write a 2k on-screen, with data automatically drawn from the selected configuration item.	1	2K
11	80	ESWBS (Expanded Ship Work Breakdown Structure)	The application will have the ability to view the ESWBS (Expanded Ship Work Breakdown Structure), which is required to provide proper ESWBS description.	1	2K
12	81	EIN (Equipment Identification Nomenclature)	The application will have the ability to view the EIN (Equipment Identification Nomenclature), which is required to provide proper EIN description.	1	2K
13	82	SAC (Service Application Code)	The application will have the ability to view the SAC (Service Application Code), which is required to provide proper SAC description.	1	2K
14	83	EIC (Equipment Identification Code)	The application will have the ability to view the EIC (Equipment Identification Code), which is required to provide proper EIC description.	1	2K
15	84	FSCM (Federal Supply Code for Manufacturers)	The application will have the ability to view the FSCM (Federal Supply Code for Manufacturers), which is required to provide proper FSCM description.	1	2K
16	85	ISEA (In-Service Engineering Activity)	The application will have the ability to view the ISEA (In-Service Engineering Activity), which is required to provide proper ISEA description.	1	2K
17	107	Create MM0001 file for SNAP upload	Must be able to create the MM0001 file without any human intervention.	1	2K
18	120	Feeds TSP Model	The application will have the ability to feed the Troubled System Processing (TSP) model.	1	2K
19	23, 40	SCLISIS data is available on-screen for easy fill.	Ability to export SCLISIS data from CDMD-OA and display it on-screen when writing a CK, with data automatically drawn from the selected configuration item.	1	CONFIG
20	42	CK Form view	When writing a CK, the application will have the ability to view CK data in a configuration form view.	1	CONFIG
21	44	Allow global data updates (batch update)	When writing a CK, the application will allow multiple updates using multiple fields in one session. Ex: Select all SPN-43 records and update ESWBS, FSCM, and SAC in one session.	1	CONFIG

FLEET ASSESSMENT SUPPORT TOOL REQUIREMENTS

Req't No.	Ref #	Requirement	Spec	Phase	Module
22	87,88, 90, 92	Configuration data capable of being updated during the event.	The application will have the ability to view the Type 3 (Tech Manuals, drawings, PMS, etc...) and Type 4 (Field Changes) synchronized with the Type 2 RIN and provide proper identification of existing equipment and amplifying information to new equipment	1	CONFIG
23	89	Displays SCLISIS Type 4 records (Field Changes/Alterations)	The application will be able to provide the necessary amplifying information for Type 4 documentation (Field Changes/Alterations) which is linked to the Type 2 configuration records	1	CONFIG
24	91	Displays SCLISIS Type 5 records (Comments)	The application will have the ability to provide the required update Changes in Type 5 records (and associated T2,T3,and T4 records) during an assessment.	1	CONFIG
25	109	Produce Val-aids and 4790-CK work file	Ability submit Configuration Data to CDMD-OA and be compliant with the individual CDM requirements. Must be able to transmit Type 2, 3, and 4 records.	1	CONFIG
26	16	Import Historical Data from OARs	Ability to import historical data from Open Architecture Retrieval System.	1	CSMP
27	17	Access ICMP data	The application will have the ability to download the ICMP items that will apply to the specific assessment.	1	CSMP
28	74, 102	Access CSMP Data	The application will have the capability to download the ship's CSMP.	1	CSMP
29	52	Capability to automatically check Gold Disk	Application will have an automated link for the user to check Gold Disk. Goldisk is a 2M (micro miniature) program with circuit card information.	1	OP
30	53, 58	Capability to automatically check FEDLOG	The application will have the capability to automatically link to FEDLOG for Management data/Researching NSNs. It will provide the most up-to-date information to help in parts expediting during an assessment.	1	OP
31	55	Capability to generate, track, expedite, and receive parts	The application will have the capability to generate, track, expedite, and receive parts	1	OP
32	56	Capability to manage, prioritize, and track expenditures by system and overall	The application will have the capability to manage, prioritize, and track expenditures by system and overall. This is required to provide an "on the fly" update for the ship to be able to track the event expenditures.	1	OP
33	78	APL (Allowance Parts List)	The application will have the capability to view APL (Allowance Parts List) information from the CDMD-OA export library files.	1	OP
34	79	CPL (Component Parts List)	The application will have the ability to view the CPL (Component Parts List) during an assessment to help with parts procurement	1	OP
35	98	Generate MILSTRIP requisitions	Generate MILSTRIP requisitions required to provide the ship with up to date ordered parts information	1	OP
36	96	Configuration Reports	Ability to produce configuration reports for the purpose of validation and verification.	1	REPORT
37	94	Daily Status Report	The application will have the ability to provide the necessary daily assessment status to the ship's crew.	1	REPORT
38	95	Overall Status Report	Required to provide overall assessment status report during event.	1	REPORT
39	100	ICMP Report	Produce reports formatted in accordance with ICMP reporting standards	1	REPORT
40	101	Uses a standard database "reports module" to access SCLISIS & CSMP data.	Uses a standard database "reports module" to access SCLISIS & CSMP data. Necessary to provide assessment support with flexibility	1	REPORT
41	21,22, 102, 108	Access SCLISIS data from CDMD-OA and allow for SCLISIS subsets.	Must be able to import, view and manage entire SCLISIS data set or partial subsets from CDMD-OA as defined by the user. Ex: user may only want to process ESWBS 49500.	1	SCLISIS

FLEET ASSESSMENT SUPPORT TOOL REQUIREMENTS

Req't No.	Ref #	Requirement	Spec	Phase	Module
42	2	Create a Test Plan	Provide a list of all systems to be assessed for a particular event.	1	VM
43	NEW	Assign technicians	The user will have the opportunity to assign lead technicians to each system for assessment.	1	VM
44	NEW	Schedule assessments	The user will have the opportunity to schedule equipment assessments during the week.	1	VM
45	NEW	Track assessment accomplishment	The user will have the opportunity to track equipment assessment completion and update the daily schedule of events.	1	VM
46	3	Standard Procedures	Access, display and print standard assessment procedures from FTSC database	1	VM
47	4	Group systems at the user defined configuration level, both items to be assessed and those not being assessed.	Tag records together by system or subsystem groups and be able to print by same, whether the system is being assessed or not. Tagging records together allows faster manipulation of data. Ex: Rapid assignment of subsystem to assessor for testing.	1	VM
48	5	Allow data collection of items identified as not being assessed.	Allow data collection of items identified as not being assessed. This is necessary in order to provide configuration updates, to be able to resolve configuration-based problems, and to aid in	1	VM
49	9	Analyze existing SCLIS Data (prior to ship visit) as defined by user	Ability to import and view Configuration Data prior to ship visit as exported from CDMD-OA. Must be able to import and view Type 2, 3, and 4 records.	1	VM
50	12	Create subset of data tailored to each assessor	Ability to utilize grouped data (systems & subsystems) as defined by user and assign those groups to assessment teams.	1	VM
51	73	Need to be able to view all system components, regardless of work center.	The application will be able to view all system components, regardless of work center. This is necessary to provide proper identification of configuration items.	1	VM
52	1	Provide in web-based format	Ability to produce an html-format assessment schedule that can easily be posted on a web site.	1	ALL
53	104	Stand-alone	Required to eliminate a dependency on ancillary equipment.	1	ALL
54	105	LAN	Necessary to provide the assessment team with the ability to access the internet in support of the event.	1	ALL
55	110	IT-21 Compatible	Meets IT-21 standards as defined by Joint CINCPACFLT/CINCLANTFLT Message R 300944Z MAR 97	1	ALL
56	111	NMCI Approved	The application will be approved by the Navy Marine Corps Internet (NMCI).	1	ALL
57	114	Laptop	Application must be able to run on a laptop computer	1	ALL
58	115	Desktop	Application must be able to run on a desktop computer	1	ALL
59	117	Windows NT	Application must be able to run on a Windows NT platform.	1	ALL
60	118	Windows 2000	Application must be able to run on a Windows 2000 platform.	1	ALL
61	121	Government Owned Code	The application was written by direct Government Funding thus becoming Government Owned Code.	1	ALL
62	33	Ability to search on all fields in database.	When writing a 2k, the application will provide the ability to search on all required fields in the database.	2	2K

FLEET ASSESSMENT SUPPORT TOOL REQUIREMENTS

Req't No.	Ref #	Requirement	Spec	Phase	Module
63	35	Allow for filtering of data set.	When writing a 2k, the application will have the ability to filter on any of the 2K fields.	2	2K
64	10	Automated assignment of RINs to preliminary MCA 2-Kilos	An automated assignment of RINs to preliminary MCA 2-Kilos is required to track the configuration addition data that is sent to the CDM for inclusion into CDMD-OA.	2	2K
65	11	Import/process SUPSHIP data for Sea Valves, Hull Closures, Ventilation and Remote Operating Gear.	Receive and analyze existing Sea Valve, Hull Closure, and Ventilation and Remote Operating Gear CSMP data from SUPSHIP (via MM0001 as defined by Index of 3-M/SCLSIS Data Records Section A),	2	2K
66	26	2K Datasheet view	When writing a 2k, the application will have the ability to view 2k data in a datasheet view (as required by the OPNAVINST 4790.4C Appendix B-18 through B-43) in order to easily make	2	2K
67	27	2K Configuration Form view	When writing a 2k, the application will have the ability to view 2k data in a configuration form view in order to easily enter CSMP data.	2	2K
68	31	Update 2-Kilos with search and replace features	User will have the opportunity to search data fields for specified information and replace it with user-supplied information.	2	2K
69	39	Generate a complete AWR	When writing a 2k, the application will have the ability to generate an automated work request	2	2K
70	60	Allows for Parametric (e.g. SRF) Collection A collection of raw data by non-experts. The data goes to a server at NAVSESS.	The application will allow for Parametric (e.g. SRF) data collection, which is a collection of raw data by non-experts.	2	2K
71	61	Allows for Non-Parametric (e.g. vibration) Collection PMT data	The application will allow for Non-Parametric (e.g. vibration) Collection PMT data.	2	2K
72	63	Technical Feedback Report To be provided in electronic format.	The application will be able to produce a Technical Feedback Report, to be provided in electronic format. The information is provided to NAVICP.	2	2K
73	75, 76	Generate and make changes to MCAs	The application will be able to generate and make changes to Machinery Condition Assessment (MCA) 2 Kilos even when there is no current discrepancy on the system of equipment.	2	2K
74	77	Handle SUPSHIP systems unique requirements	The application will handle SUPSHIP systems unique requirements such as producing MCA 2-Kilos at the equipment or system level and not producing MCA 2-Kilos for hull closures, sea valves, ventilation eqpt, and remote operating gear that have discrepancy 2-Kilos written.	2	2K
75	46	Ability to search on all fields in database.	When writing a CK, the application will provide the ability to search on all required fields in the database as specified by OPNAVINST 4790.4C Appendix B-1 through B-17.	2	CONFIG
76	48	Allow for filtering of data set.	When writing a CK, the application will have the ability to filter on any of the CK fields that are required as per the OPNAVINST 4790.4C Appendix B-1 through B-17.	2	CONFIG
77	41	CK Datasheet view	When writing a CK, the application will have the ability to view CK data in a datasheet view in order to easily make comparisons.	2	CONFIG
78	45	Copies from existing records to decrease collection time.	When writing a CK, the application will have the ability to copy from existing configuration records. This is required to develop a CK in a timely fashion during an assessment.	2	CONFIG
79	72	Contains a list of selected equipment.	The application will have ability to write a CK to the parent equipment and automatically include all children on the 2K	2	CONFIG
80	86	View SCAT (Sub-Category Test Equipment)	The application will be able to import and display the SCAT (Sub-Category Test Equipment) codes from the NAVSEA database	2	CONFIG
81	93	Technical Manual Deficiency Evaluation Report	The application will have the ability to provide a Technical Manual Deficiency Evaluation Report as part of TDMIS (technical data management information system).	2	CONFIG
82	8	Analyze existing Part History Data (prior to ship visit) as defined by user	Ability to view and analyze previous parts ordered against specific equipment prior to the ship visit. The data is to be imported into the application from R-Supply.	2	OP

FLEET ASSESSMENT SUPPORT TOOL REQUIREMENTS

Req't No.	Ref #	Requirement	Spec	Phase	Module
83	54	Import NAVICP APL/ parts data	The application will be able to import NAVICP APL/parts data from the database and display it during the assessment.	2	OP
84	57	Capability to manage and track bulk purchases and requirements for reorder	The application will have the capability to manage and track bulk purchases and requirements for reorder.	2	OP
85	24	Ability to load and view Sked 3.0.	Ability to import and view MRC Sked 3.0 format files.	2	VM
86	30	Programmatically ensure no redundant data collection.	When writing a 2k, the application routine will compare existing 2Ks with new event-collected 2Ks to make sure there are no entries submitted that are already existent in the CSMP.	3	2K
87	34	Ability to create advanced-search criteria.	When writing a 2k, the application will have a search routine capability, which will include advanced Boolean search.	3	2K
88	103	OMMS-NG - Ability to interface directly with ships equipment file while on-board.	The ability to interface directly with the ships equipment file is necessary to include assessment discrepancies in the Ship's CSMP during the event.	3	2K
89	112	Pen PC Handheld Capable	Application must be able to run on a Pen PC Handheld computer	3	ALL
90	113	Pocket PC Compatible PDA	Application must be able to run on a Pocket PC-compatible personal data assistant	3	ALL
91	43	Programmatically Ensure no redundant data collection.	When writing a CK, the application routine will compare existing CK's with new event-collected CK's to make sure there are no entries submitted that are already existent in the configuration.	3	CONFIG
92	47	Ability to create advanced-search criteria.	When writing a CK, the application will have a search routine capability, which will include advanced Boolean search.	3	CONFIG
93	71	Test Point Identification Could be an MRC or Line Item in the Test Procedure.	The application will have the capability to provide Test Point Identification, which is necessary to help the assessor diagnose faults involved with particular systems.	4	2K
94	15, 18, 51, 99, 106, 116, 119	DELETED AS NOT REQUIRED	DELETED AS NOT REQUIRED		